

# WYANDOTTE

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## MUNICIPAL SERVICES

Operating and Capital Budget

Electric Utility

Fiscal Year 2018-2019

Commission Workshop – 9/12/2018

Commission Approval – 9/12/2018

Council Concurrence – 9/17/2018

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**Line Item Budget**

***By Department***

Revenue & Interest Expense (000)

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## Electric – Budget Notes and Comments

## Fiscal Year 2019

- **Revenue and Non-Departmental Costs**

- o No rate adjustments are forecasted for Electric rates at the present time for FY2019
- o Budgeted steam revenue has been adjusted for the rate adjustment made on 1/1/2018 and the forecasted rate anticipated based on the completion of the package boiler project and those assets being placed in service during fiscal 2019
- o Reciprocal Power revenue has been adjusted to reflect the generation activity for projects that are part of power purchase agreements and resale of hedged power back to the market

- **Staffing and Compensation:**

- Wages are budgeted based on a forecasted adjustment for all represented and non-represented positions and include market demand considerations.
- The current contract with IBEW expires 12/31/2018, therefore all represented wages and benefits are forecasted for nine (9) months of FY2019.
- Notable changes in staffing:
  - 011 – Added non-represented Draftsman position back into the budget for Electric T&D department
  - 026 – Eliminated the Assistant GM position from the budget

- **Benefits:**

- If not noted separately in Other Expenditures, departmental budget adjustments are due to the following healthcare and defined benefit pension changes in addition to any forecasted wage adjustments. Healthcare may also be impacted by individual changes in benefit levels (Single, 2-person, family).
- Effective 1/1/2019 the adjustment in healthcare premiums for the plan a majority of active employees utilize will be approximately 9%. Premiums are shared 80/20 between the employer/employee.
- All open positions assume family level benefits
- Required employer contributions expressed as a percent of covered active payroll for Defined Benefit pension expenses, determined annually by the Actuary are as follows:
 

- Beginning 10/1/2018 – 74.35%	- 10/1/2016 – 61.62%
- 10/1/2017 – 66.17%	- 10/1/2015 – 40.50%

- **Other Expenditures:**

- The standard allocation for most shared expenses across Funds remains as follows:
  - Electric – 60%
  - Water – 10%
  - Cable – 30%
  - Non-standard allocations:
    - Meter Reading – 50% Electric, 50% Water
    - Storeroom – 50% Electric, 50% Cable
    - Customer Assistance - 30% Electric, 10% Water and 60% Cable
    - General Manager - 68% Electric (48% GM and 20% Energy Programs), 8% Water and 24% Cable
- 001 Fuels, Chemical and Commodities – Forecasted increase in Natural gas for RATA testing of existing boilers and final sizing/go live for new package boilers
- 011 T&D – Costs for the contracted tree trimming crew are anticipated to increase due to bargained agreements. Tree trimming crews are required to be signatory to IBEW Local 17.
- 091 Depreciation – Although a non-cash expense, the budget has been reduced to reflect the pace of capital projects as completed over a period of fiscal years v. a single fiscal year with incurred costs to date still captured as CIP (construction in progress)

- **Debt Service/Capital:**

- Total bond debt service for FY2019 (4/1/19 and 10/1/19) is approximately \$ 3.3M and reflects the smoothing strategy implemented through the issuance of the Series 2015 Bond refunding.

- Final debt service payments for the JCI performance agreements entered into during 2008 and 2010 respectively are due in early calendar 2019 and will conclude this obligation. The final debt service payments total approximately \$ 683K.
- Budgeted bond ordinance compliance for FY19 is 147% and exceeds the bond ordinance requirement of 110%.
- Capital projects budgeted for FY19 reflect the estimated completion of projects financed by the Series 2015 bonds during FY19 and other capital projects financed by operations. Projects financed by the bonds are revenue requirement neutral with costs matched by an allocation of proceeds from the Series 2015 bonds. It is estimated that all projects financed by the Series 2015 bonds will be completed no later than the midpoint of FY2019.
- 4<sup>th</sup> Floor renovations for 3200 Biddle Avenue are included as a capital expense. This project represents the relocation of IT servers and other activities still housed at 3005 Biddle. This includes all server housing requirements for Electric T&D outage management, AMI, GIS and other related hardware requirements.

**2018 - 2019 Electric Budget  
Statement of Income**

	FY2019 Budget	FY2018 Budget
<b><u>Sales:</u></b>		
Small Commercial Service	\$ 3,003,709	\$ 3,003,709
Large General Service	1,572,910	1,572,910
Primary Power	4,415,145	4,415,145
Large Industrial Power	7,745,000	7,745,000
Waste Water Pumping	3,331,157	3,331,157
Residential	11,776,322	11,776,322
Security Lights	52,200	57,501
Street Lighting	640,000	640,000
Steam/Hot Water	2,200,000	1,895,000
Geothermal	40,500	39,930
Penalty Revenue	220,000	200,000
Reciprocal Power Sales	2,016,000	1,404,000
EcoSmart	3,475	3,000
Renewable Energy Rider	305,395	305,395
Energy Optimization	376,000	376,000
Other Operating Revenue	51,705	49,205
<b>Total Operating Revenue</b>	<b>37,749,518</b>	<b>36,814,274</b>
<b><u>Expenses:</u></b>		
Fuel, Chemicals, & Commodities (001)	1,403,080	1,302,100
Power Production (003-004)	24,384,288	24,328,908
Transmission/Distribution (011)	2,539,175	2,338,463
Storeroom (009)	81,164	70,211
Customer Service (015)	304,215	297,781
Meter Readers (008)	61,357	54,375
Energy Programs (017)	432,202	494,026
Office (021-028)	391,829	543,009
General Administration (031)	2,210,742	2,209,643
General Insurance (033)	451,270	448,675
Contractual (034)	62,085	62,215
Building Maintenance (035)	1,780	1,780
Retirees (040)	2,292,000	2,360,105
Vehicles (071)	76,400	63,800
Depreciation (091)	2,727,690	3,705,900
<b>Total Operating Expenses</b>	<b>37,419,277</b>	<b>38,280,991</b>
<b><u>Other Income/(Expense):</u></b>		
Interest Income	5,120	60,000
Interest Expense	(1,383,260)	(1,496,979)
Miscellaneous Income	155,294	97,144
Grant Revenue	-	73,500
Amortization of Bond Premium (Discount)	21,935	21,935
<b>Total Other Income/(Expense)</b>	<b>(1,200,911)</b>	<b>(1,244,400)</b>
<b>Total Income (Loss)</b>	<b>(870,670)</b>	<b>(2,711,117)</b>
GASB 68, OPEB, Depr. - Non-Cash Expenses	4,377,690	5,355,900
<b>Comparative Net Income (Loss)</b>	<b>\$ 3,507,020</b>	<b>\$ 2,644,783</b>

**2018 - 2019 Electric Budget  
Bond Ordinance Compliance**

	<b>FY2019 Budget</b>	<b>FY2018 Budget</b>
Budgeted Net Income (Loss)	\$ (870,670)	\$ (2,711,117)
Plus: Depreciation	2,727,690	3,705,900
Interest Expense (Bonds Only)	1,350,739	1,445,216
Retiree Healthcare Liability Accrual (GASB 45)	600,000	600,000
Pension Liability Accrual (GASB 68)	1,050,000	1,050,000
Available for Debt Service	4,857,759	4,089,999
Debt Service Requirement	3,638,776	1,961,813
Revenue Bond Payment	3,307,978	1,783,466
<b>Times Coverage Calculated</b>	<b>147%</b>	<b>229%</b>
Times Coverage Required	110%	110%

**2018 - 2019 Electric Budget  
Revenue Requirement**

	<b>FY2019 Budget</b>	<b>FY2018 Budget</b>
<b><u>Expenses:</u></b>		
Fuel, Chemicals, & Commodities (001)	\$ 1,403,080	\$ 1,302,100
Power Production (003-004)	24,384,288	24,328,908
Transmission/Distribution (011)	2,539,175	2,338,463
Storeroom (009)	81,164	70,211
Customer Service (015)	304,215	297,781
Meter Readers (008)	61,357	54,375
Energy Programs (017)	432,202	494,026
Office (021-028)	391,829	543,009
General Administration (031)	2,210,742	2,209,643
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Contractual (034)	62,085	62,215
Building Maintenance (035)	1,780	1,780
Retirees (040)	2,292,000	2,360,105
Vehicles (071)	76,400	63,800
Depreciation (091)	2,727,690	3,705,900
<b>Total Operating Expenses</b>	<b>37,419,277</b>	<b>38,280,991</b>
<b><u>Nonoperating Income:</u></b>		
Interest Income	(5,120)	(60,000)
Grant Revenue	-	(73,500)
Energy Optimization	(376,000)	(376,000)
Renewable Energy Rider	(305,395)	(305,395)
EcoSmart	(3,475)	(3,000)
Other Income - Net	(375,294)	(297,144)
<b>Subtotal</b>	<b>(1,065,284)</b>	<b>(1,115,039)</b>
<b><u>Noncash Adjustments:</u></b>		
Depreciation (091)	(2,727,690)	(3,705,900)
Retiree Healthcare Liability Accrual (OPEB)	(600,000)	(600,000)
Pension Liability Accrual (GASB 68)	(1,050,000)	(1,050,000)
Amortization of Bond Premium (Discount)	21,935	21,935
Payment in Lieu of Taxes (PILOT)	(640,000)	(640,000)
<b>Subtotal</b>	<b>(4,995,755)</b>	<b>(5,973,965)</b>
<b><u>Capital Expenditures:</u></b>		
Power Plant	3,110,000	2,621,000
Transmission & Distribution	3,678,984	4,886,775
Information Technology	30,000	54,000
<b>Subtotal</b>	<b>6,818,984</b>	<b>7,561,775</b>
<b><u>Debt Service:</u></b>		
Principal	2,475,936	1,268,670
Interest	1,383,258	1,522,005
<b>Subtotal</b>	<b>3,859,194</b>	<b>2,790,675</b>
<b>Revenue Requirement:</b>	<b>42,036,416</b>	<b>41,544,437</b>
Budgeted Revenues from RATES	36,889,518	35,974,274
Transfer from Series 2015 Bond Proceeds - Capital Projects	5,248,984	5,852,000
<b>Excess/(Shortfall) - Revenue</b>	<b>\$ 102,086</b>	<b>\$ 281,837</b>

**2018 - 2019 Electric Budget  
Capital Projects**

	<b><u>FY19 Budget</u></b>	<b><u>Department</u></b>
<b><u>2015 Bond Financed Capital Projects:</u></b>		
Sub 7 - T710 Installation (Bid #4733)	\$ 229,667	T&D
Sub 8 - 69kV Breaker (4) & Relay Upgrade (Bid #4737)	450,215	T&D
Sub 10 - 69kV Breaker & Relay Upgrade (Bid #4735)	569,103	T&D
Sub 6 69kV Switch Replacement (Bid #4734)	334,736	T&D
Aux Steam Boiler, Housing, Installation and Engineering	2,740,000	Power Plant
Sub 8 - T820 Installation and Relay Upgrade (Bid #4736)	175,263	T&D
I/T and Electric Server Room - Expansion	750,000	T&D
<b>Subtotal - 2015 Bond Financed Projects</b>	<b>5,248,984</b>	
<b><u>Capital Projects Financed from Operating Revenues:</u></b>		
T&D Construction	300,000	T&D
4.8 kV Conversion	100,000	T&D
Sub 10 - Transformer Retrofills (6902 & 6904)	200,000	T&D
Engineering Consultant Projects - Capitalized	100,000	T&D
Line Vehicles	140,000	T&D
GIS, SCADA and OMS	100,000	T&D
69 kV Line Assessment and Upgrades	30,000	T&D
I/T and Electric Server Room - Expansion	200,000	T&D
Boiler Upgrades	100,000	Power Plant
Power Plant - Remote Hosting Equipment Data Logger	30,000	Power Plant
Power Plant Roof CEMS (Emissions Monitoring Equipment)	50,000	Power Plant
Power Plant Evaluation and Upgrades	100,000	Power Plant
Power Plant Security Lighting and Yard Upgrades	40,000	Power Plant
Natural Gas Headers and Metering	50,000	Power Plant
<b>Subtotal - Capital Projects Financed by Operating Revenues</b>	<b>1,540,000</b>	
<b><u>I/T:</u></b>		
<b>Capitalized I/T Projects</b>	<b>30,000</b>	
<b>Total Capital</b>	<b>\$ 6,818,984</b>	

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:

Substation No.7 T710 installation - Bid # 4733

Department head:

Hudson, Rempel, and Smith

Anticipated start date (month/year):

Sep-18

Department priority (high, medium, low)

high

Fund (General, bond issue, grant, DDA, etc.)

Bond Issue

Department:

Electric

Anticipated completion date (month/year):

Oct-18

Is this project in the city's strategic plan?

yes

Estimated life of project (In years)

30

PROJECT COSTS

FY 2019	\$229,667.00	updated with pricing from successful bidder 8-13-18
FY 2020	\$0.00	
FY 2021	\$0.00	
FY 2022	\$0.00	
FY 2023	\$0.00	
FY 2024	\$0.00	
TOTAL	\$229,667.00	

PROJECT DESCRIPTION

Two new transformers were purchased for sub 7 from Traverse City. This is the installation of the 2nd transformer. The project will provide for the installation and testing of this new transformer along with moving old XMFR to Sub 8. Bid 4733

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:

Substation No.6 69kV Switch replacement - Bid # 4734

Department head:

Hudson, Rempel, and Smith

Anticipated start date (month/year):

Jan-19

Department priority (high, medium, low)

high

Fund (General, bond issue, grant, DDA, etc.)

Bond Issue

Department:

Electric

Anticipated completion date (month/year):

Mar-19

Is this project in the city's strategic plan?

yes

Estimated life of project (In years)

30

PROJECT COSTS

FY 2019	\$334,736.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$334,736.00

PROJECT DESCRIPTION

Nine new 69 kV disconnects, new 69kV PT/Sync ck for Vassar, 100 AMP svc and new 125 VDC feed to 13.8 kV switchgear



## CAPITAL IMPROVEMENTS PLAN

### Project Application Form

Projects from 2019 through 2024

Project title: Substation No.10 69kV breaker (3) & Relay Upgrade- Bid 4735

Department head: Hudson, Rempel, and Smith

Anticipated start date (month/year): Feb-19

Department priority (high, medium, low) high

Fund (General, bond issue, grant, DDA, etc.) Bond Issue

Department: Electric

Anticipated completion date (month/year): May-19

Is this project in the city's strategic plan? yes

Estimated life of project (In years) 30

### PROJECT COSTS

FY 2019	\$569,102.50
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
<b>TOTAL</b>	<b>\$569,102.50</b>

### PROJECT DESCRIPTION

Replace 3 69 kV breakers (01, 02, 04) and control cables, new relay control panels, ion meter installation, removal of 40kV structure feeder and transformer, new 69 kV cable to transformer

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	Substation No.8 T820 installation & Relay Upgrade - Bid 4736	Department:	Electric
Department head:	Hudson, Rempel, and Smith	Anticipated completion date (month/year):	May-19
Anticipated start date (month/year):	Feb-19	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Bond Issue		

PROJECT COSTS

FY 2019	\$175,263.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$175,263.00

PROJECT DESCRIPTION

New Bus Duct for XMFR 820 and relaying, new 69kV PT/Sync ck for Vassar, Nitrogen System

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:

Substation No. 8 69kV Breaker (4) & Relay Upgrade - Bid # 4737

Department head:

Hudson, Rempel, and Smith

Anticipated start date (month/year):

Feb-19

Department priority (high, medium, low)

high

Fund (General, bond issue, grant, DDA, etc.)

Bond Issue

Department:

Electric

Anticipated completion date (month/year):

May-19

Is this project in the city's strategic plan?

yes

Estimated life of project (In years)

30

PROJECT COSTS

FY 2019	\$450,215.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$450,215.00

PROJECT DESCRIPTION

Replace 4 69 kV breakers (80, 81, 82, & 84), New relay panel fronts for Vassar & Bus Tie Breaker, Eliminate old Vassar Metering,

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:

I/T and Electric Server Room Expansion

Department head:

Hudson, Rempel, Smith

Anticipated start date (month/year):

Oct-18

Department priority (high, medium, low)

high

Fund (General, bond issue, grant, DDA, etc.)

Bond

Department:

Electric

Anticipated completion date (month/year):

Sep-19

Is this project in the city's strategic plan?

yes

Estimated life of project (In years)

dependent upon project

PROJECT COSTS

FY 2019	\$750,000.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$750,000.00

PROJECT DESCRIPTION

Necessary expansion for I/T and Electric Department servers

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:	Auxillary Boiler , Engineering, Housing and Installation
Department head:	Hudson, Brohl
Anticipated start date (month/year):	Jun-18
Department priority (high, medium, low)	high
Fund (General, bond issue, grant, DDA, etc.)	Bond Issue

Department:	Power Plant
Anticipated completion date (month/year):	May-19
Is this project in the city's strategic plan?	yes
Estimated life of project (In years)	30

PROJECT COSTS

FY 2019	\$3,500,000.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$3,500,000.00

PROJECT DESCRIPTION

Design, Construct & Install 2 - 1200HP Auxillary Boilers in a new bldg for LP steam svc to Wyandotte HF Hospital, Water Dept. Filter Plant, and Power Plant Facilities. One 1200 HP Blr is a Capital Lease from the hospital for full redundancy
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CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	Engineering Services	Department:	Electric and Power Plant
Department head:	Hudson	Anticipated completion date (month/year):	Sep-24
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	dependent upon project
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$100,000.00
FY 2020	\$100,000.00
FY 2021	\$100,000.00
FY 2022	\$100,000.00
FY 2023	\$100,000.00
FY 2024	\$100,000.00
TOTAL	\$600,000.00

PROJECT DESCRIPTION

Projects include Joint Use Attachment, T&D Infrastructure Projects, Power Plant Projects, Environmental Assesment Support, etc

## CAPITAL IMPROVEMENTS PLAN

### Project Application Form

Projects from 2019 through 2024

Project title:

T&D Construction

Department:

Electric

Department head:

Hudson, Rempel, Smith

Anticipated completion date (month/year):

Sep-24

Anticipated start date (month/year):

Oct-18

Is this project in the city's strategic plan?

yes

Department priority (high, medium, low)

high

Estimated life of project (In years)

dependent upon project

Fund (General, bond issue, grant, DDA, etc.)

Operating Revenues

### PROJECT COSTS

FY 2019	\$300,000.00
FY 2020	\$400,000.00
FY 2021	\$400,000.00
FY 2022	\$400,000.00
FY 2023	\$400,000.00
FY 2024	\$400,000.00
<b>TOTAL</b>	<b>\$2,300,000.00</b>

### PROJECT DESCRIPTION

Capital improvements on the T&D System. Investing in infrastructure upgrades such as metering sockets, house service, transmission and distribution poles, wire, switches along with streetlighting to improve our electrical facilities

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	T&D 5 year Capital Finance for Line Vehicles	Department:	Electric
Department head:	Hudson, Rempel, Smith	Anticipated completion date (month/year):	Sep-24
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	5 to 20 yrs depedent upon vehicle
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$140,000.00
FY 2020	\$140,000.00
FY 2021	\$140,000.00
FY 2022	\$140,000.00
FY 2023	\$140,000.00
FY 2024	\$0.00
TOTAL	\$700,000.00

PROJECT DESCRIPTION

77ft Bucket and 60ft Digger Capital Lease estimate ( to own after 5 years )



CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	T&D Campus Facility Assessment and Upgrades	Department:	Electric
Department head:	Hudson, Rempel, Smith	Anticipated completion date (month/year):	Sep-24
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	medium	Estimated life of project (In years)	dependent upon project
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$200,000.00
FY 2020	\$100,000.00
FY 2021	\$100,000.00
FY 2022	\$100,000.00
FY 2023	\$100,000.00
FY 2024	\$0.00
TOTAL	\$600,000.00

PROJECT DESCRIPTION

2019 - New Concrete in driveways (T&D Garage and Storeroom area), parking lots and storage yard; sewer rebuild; 2020 to 2024 upgrades to fencing and gates, generator installation at storeroom, exterior updates,

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:

T&D GIS, SCADA, and OMS

Department head:

Hudson, Rempel, Smith

Anticipated start date (month/year):

Oct-18

Department priority (high, medium, low)

high

Fund (General, bond issue, grant, DDA, etc.)

Operating Revenues

Department:

Electric

Anticipated completion date (month/year):

Sep-24

Is this project in the city's strategic plan?

yes

Estimated life of project (In years)

dependent upon project

PROJECT COSTS

FY 2019	\$100,000.00
FY 2020	\$200,000.00
FY 2021	\$200,000.00
FY 2022	\$200,000.00
FY 2023	\$200,000.00
FY 2024	\$200,000.00
TOTAL	\$1,100,000.00

PROJECT DESCRIPTION

Perform assessment and continue to upgrade computer systems to accomplish graphical interface with field assets, outage management, and supervisory and data acquisition and control

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	T&D 4.8 kV Conversion	Department:	Electric
Department head:	Hudson, Rempel, Smith	Anticipated completion date (month/year):	Sep-23
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	dependent upon project
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$100,000.00
FY 2020	\$50,000.00
FY 2021	\$200,000.00
FY 2022	\$200,000.00
FY 2023	\$200,000.00
FY 2024	\$0.00
TOTAL	\$750,000.00

PROJECT DESCRIPTION

Perform Load Study on 4.8kV Circuits, install ISO Banks for interium phase to remove substations, upgrade distribution facilities to 13.8 kV

CAPITAL IMPROVEMENTS PLAN  
Project Application Form  
Projects from 2019 through 2024

Project title:	T&D Sub 10 Transformer 6902 & 6904 Retrofills	Department:	Electric
Department head:	Hudson, Rempel, Smith	Anticipated completion date (month/year):	Sep-20
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$200,000.00
FY 2020	\$200,000.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$400,000.00

PROJECT DESCRIPTION

As part of the Travelers Insurance; Retrofill with FR3 oil. New gaskets and instrumentation for transformer monitoring, testing before and after work performed.

CAPITAL IMPROVEMENTS PLAN  
Project Application Form  
Projects from 2019 through 2024

Project title:	T&D 69 kV Line Assessment and Upgrades
Department head:	Hudson, Rempel, Smith
Anticipated start date (month/year):	Oct-18
Department priority (high, medium, low)	high
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues

Department:	Electric
Anticipated completion date (month/year):	Sep-19
Is this project in the city's strategic plan?	yes
Estimated life of project (In years)	30

PROJECT COSTS

FY 2019	\$30,000.00
FY 2020	tbd
FY 2021	tbd
FY 2022	tbd
FY 2023	tbd
FY 2024	tbd
TOTAL	\$30,000.00

PROJECT DESCRIPTION

Perform Line Design Analysis on 69 kV. Project to include steel poles to eliminate guying and increase reliability of 69 kV infrastructure, redesign to add static line. 9.7 mi of 69kV. Update costs when known

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	Power Plant Evaluation and Upgrades	Department:	Power Plant
Department head:	Hudson, Brohl	Anticipated completion date (month/year):	Sep-19
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$100,000.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$100,000.00

PROJECT DESCRIPTION

Perform detailed analysis on current power generation facilities and urgent upgrades

CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	Power Plant Security Lighting and Yard upgrades	Department:	Power Plant
Department head:	Hudson, Brohl	Anticipated completion date (month/year):	Sep-21
Anticipated start date (month/year):	Oct-19	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$40,000.00
FY 2020	\$100,000.00
FY 2021	\$20,000.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$160,000.00

PROJECT DESCRIPTION

Required updates to yard to eliminate any potential for industrial runoff (soil erosion and sediment control) \$25k and removal of oil separator silo \$10k as mandated MDEQ along with updated facility lighting. Paint/cover #7 Stack \$100k

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:	Power Plant Natural Gas Header and Metering	Department:	Power Plant
Department head:	Hudson, Brohl	Anticipated completion date (month/year):	Sep-21
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$50,000.00
FY 2020	tbd
FY 2021	tbd
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$50,000.00

PROJECT DESCRIPTION

Create Natural Gas Header with meter to feed Auxiliary Boiler. Future expansion to include existing boilers and proposed distributed generation facility (initially part of bond) - Items not captured in bond for aux. boilers



## CAPITAL IMPROVEMENTS PLAN

### Project Application Form

Projects from 2019 through 2024

Project title: Power Plant CEMS Required Equipment - Probe, contols, cord

Department head: Hudson, Brohl

Anticipated start date (month/year): Oct-18

Department priority (high, medium, low) high

Fund (General, bond issue, grant, DDA, etc.) Operating Revenues

Department: Power Plant

Anticipated completion date (month/year): Sep-19

Is this project in the city's strategic plan? yes

Estimated life of project (In years) 30

### PROJECT COSTS

FY 2019	\$50,000.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
<b>TOTAL</b>	<b>\$50,000.00</b>

### PROJECT DESCRIPTION

Upgrade CEMS monitoring dulition probe, controls and umbilical cord. Equipment required by MDEQ/EPA for air permit monitoring

CAPITAL IMPROVEMENTS PLAN

Project Application Form  
Projects from 2019 through 2024

Project title:	Power Plant Remote Hosting Equipment - Data Logger
Department head:	Hudson, Brohl
Anticipated start date (month/year):	Oct-18
Department priority (high, medium, low)	high
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues

Department:	Power Plant
Anticipated completion date (month/year):	Sep-22
Is this project in the city's strategic plan?	yes
Estimated life of project (In years)	30

PROJECT COSTS

FY 2019	\$30,000.00
FY 2020	\$0.00
FY 2021	\$0.00
FY 2022	\$0.00
FY 2023	\$0.00
FY 2024	\$0.00
TOTAL	\$30,000.00

PROJECT DESCRIPTION

ESC Data Logger for remote hosting are at end of life and must be replaced
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CAPITAL IMPROVEMENTS PLAN

Project Application Form

Projects from 2019 through 2024

Project title:	Power Plant Necessary Boiler Upgrades	Department:	Power Plant
Department head:	Hudson, Brohl	Anticipated completion date (month/year):	Sep-21
Anticipated start date (month/year):	Oct-18	Is this project in the city's strategic plan?	yes
Department priority (high, medium, low)	high	Estimated life of project (In years)	30
Fund (General, bond issue, grant, DDA, etc.)	Operating Revenues		

PROJECT COSTS

FY 2019	\$100,000.00
FY 2020	\$100,000.00
FY 2021	\$100,000.00
FY 2022	tbd
FY 2023	tbd
FY 2024	tbd
TOTAL	\$300,000.00

PROJECT DESCRIPTION

ESC Data Logger for remote hosting are at end of life and must be replaced

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 000 - Non-Departmental							
591-000-401-101	Residential	12,187,562	11,795,950	11,367,801	11,776,322	7,909,398	11,776,322
591-000-401-102	Security Lights	53,334	56,167	52,947	57,501	40,131	52,200
591-000-401-103	Commercial	10,289	26,359	10,767	10,667	8,045	10,667
591-000-401-104	Street Lighting	652,048	640,000	642,503	640,000	480,000	640,000
591-000-401-105	Small General	2,993,534	2,958,082	3,103,920	2,993,042	2,300,133	2,993,042
591-000-401-106	Large General	1,475,842	1,590,339	1,503,158	1,572,910	1,201,283	1,572,910
591-000-401-107	Primary	4,284,504	4,331,988	4,304,901	4,415,145	3,325,317	4,415,145
591-000-401-108	Reciprocal Power	1,360,506	1,548,000	1,496,754	1,404,000	1,514,215	2,016,000
591-000-401-111	Waste Water Pumping	3,318,954	3,306,877	3,370,428	3,331,157	2,675,170	3,331,157
591-000-401-112	Large Industrial Service	9,915,432	7,594,760	8,310,471	7,745,000	5,810,206	7,745,000
591-000-401-113	HTHW and Steam Service	4,497,234	980,650	1,899,807	1,895,000	2,036,330	2,200,000
591-000-401-114	WMS EcoSmart Program	5,902	4,900	5,224	4,900	3,412	4,525
591-000-401-115	WMS EcoSmart - Cost	(2,884)	(1,800)	(1,787)	(1,900)	(840)	(1,050)
591-000-401-119	Geothermal-Residential	28,618	27,684	28,677	28,000	21,557	28,500
591-000-401-120	Geothermal-Commercial	16,355	17,403	11,998	11,930	10,477	12,000
591-000-401-250	Energy Optimization Residential	160,813	163,036	149,289	150,000	103,255	150,000
591-000-401-251	Energy Optimization Commercial	173,820	227,716	169,782	170,000	128,695	170,000
591-000-401-252	Energy Optimization Industrial	56,689	0	55,890	56,000	41,918	56,000
591-000-401-260	Net Metering-Residential	(1,405)	(1,500)	(1,417)	(1,500)	(1,070)	(1,500)
591-000-401-261	Net Metering-Commercial	(9,176)	(10,095)	(11,048)	(10,095)	(7,121)	(10,095)
591-000-401-300	Rider-Renewable Energy	306,754	305,395	304,470	305,395	229,482	305,395
591-000-431-109	Pine Street Pumping-Facility Chg	48,300	48,300	48,300	48,300	36,225	48,300
591-000-441-018	WIRES II Grant	195,157	468,330	47,879	73,500	45,622	0
591-000-441-024	MDOT Grant-Fort Street Lighting	(823)	0	0	0	0	0
591-000-441-025	TIFA CONTRIBUTIONS	113,450	0	34,172	0	63,002	0
591-000-441-100	OTHER FEDERAL GRANTS	18,375	0	0	0	0	0
591-000-481-001	Miscellaneous Revenue	198,174	58,799	225,973	93,414	76,747	150,069
591-000-481-006	Penalty Revenue	215,052	122,400	228,389	200,000	171,282	220,000
591-000-481-007	Connection Charges	20,272	10,000	15,215	12,500	10,898	15,000
591-000-825-001	Other Non-Operating (Income)/Expe	(6,354)	0	(651)	0	(4,396)	0
591-000-830-601	Sale of Obsolete Equip. (Scrap)	2,632	0	7,530	3,730	5,536	5,225
591-000-830-603	Asset Impairment	10,052,227	0	0	0	0	0
591-000-840-000	Amortization-Bond Premiums	(35,611)	(35,611)	(35,611)	(35,611)	0	(35,611)
591-000-840-001	Amortization-Bond Issuance Costs	11,301	13,676	48,131	13,676	0	13,676
591-000-840-002	Interest Expense	1,613,658	1,574,287	1,550,802	1,496,979	1,125,925	1,383,260
591-000-840-401	Interest Income	15,021	34,750	95,050	60,000	84,727	5,120
NET OF REVENUES/APPROPRIATIONS - 000 - Non-Departmen		30,675,114	34,752,138	35,914,372	35,569,874	27,202,503	36,548,607

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 001 - Fuels, Chemicals, and Commodities							
591-001-501-009	Diesel Fuel	12,690	22,000	13,347	26,000	13,987	25,080
591-001-501-013	Natural Gas Expense	3,821,158	1,221,500	1,557,727	1,260,100	1,016,026	1,362,000
591-001-501-021	Front End Loader	366	7,000	4,462	9,000	337	9,000
591-001-501-023	Pick-up Truck	1,872	2,000	364	3,000	1,406	3,000
591-001-501-026	Ash Disposal Boiler #8	105,687	13,700	12,115	0	0	0
591-001-501-069	Fuels Testing	0	3,000	0	4,000	0	4,000
591-001-530-799	Inventory Gain or Loss	69,097	0	10,931	0	0	0
NET OF REVENUES/APPROPRIATIONS - 001 - Fuels, Chemic		(4,010,870)	(1,269,200)	(1,598,946)	(1,302,100)	(1,031,756)	(1,403,080)

## Fund: 591 Electric Utility Fund

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 003 - General Department							
591-003-521-007	Purchased Power Expense	14,352,668	15,034,643	14,862,997	15,027,264	11,465,449	15,029,000
591-003-521-008	MISO Transmission Charges	1,532,893	1,610,480	1,688,149	1,679,373	1,090,251	1,584,862
591-003-521-009	Purchased Capacity Charges	699,100	1,092,162	961,573	1,110,924	811,458	1,211,720
591-003-521-070	Engineering Services	1,029,360	1,100,000	740,629	1,186,000	641,753	1,080,000
591-003-521-092	Utility Water	466,304	132,930	187,047	153,615	98,899	147,100
591-003-521-101	Office Supplies	71	500	6	500	32	500
591-003-521-104	Meals	138	200	0	0	0	0
591-003-521-105	Dues and Subscriptions	1,629	2,250	1,674	2,250	543	2,250
591-003-521-106	Supplies and Tools	90,507	82,500	84,798	80,000	50,252	80,000
591-003-521-109	Travel Expense	1,900	2,000	1,465	2,000	1,206	2,000
591-003-521-141	TRAINING & EDUCATION	5,394	7,000	2,172	7,000	845	7,000
591-003-521-153	Freight	6,190	7,500	5,479	7,500	2,343	7,500
591-003-521-154	Elevators	0	16,000	12,525	16,000	6,804	16,000
591-003-521-201	Air Compressors	1,196	12,000	10,457	12,000	420	12,000
591-003-521-449	Security Systems	0	6,500	4,149	8,500	2,673	8,500
591-003-521-450	Buildings and Grounds	94,901	56,500	54,963	50,000	37,529	50,000
591-003-521-469	Miscellaneous Chemicals	110,254	34,920	33,744	36,000	29,424	45,500
591-003-521-471	Reverse Osmosis System	(118)	0	0	0	0	0
591-003-521-472	CDI System	110,228	36,000	33,953	132,000	9,093	132,000
591-003-521-560	Emergency Diesel Maintenance	21,988	41,200	18,229	41,200	37,461	42,000
591-003-521-575	Emission Monitors General	29,244	30,000	0	30,000	0	30,000
591-003-521-577	Calibration Gases	6,545	5,000	1,898	5,000	2,467	5,000
591-003-521-655	Instruments and Controls	10,101	15,000	12,266	15,000	15,966	15,000
591-003-521-685	Pumps - General	50,375	30,000	5,872	30,000	22,030	30,000
591-003-521-696	Hospital Steam Line	50,412	34,000	32,524	10,000	9,388	10,000
591-003-521-735	Valves for Power Plant	38,746	22,600	22,759	20,000	18,239	25,000
591-003-521-750	Turbine/Generator/Condensor #4	10,000	10,000	2,497	160,000	2,432	125,000
591-003-521-770	Turbine/Generator/Condensor #7	3,142	10,000	3,678	160,000	9,012	125,000
591-003-720-111	Administrative Salaries	391,503	374,619	376,457	386,135	297,022	396,335
591-003-720-112	Office Salaries - Non Exempt	9,976	0	0	0	0	0
591-003-720-113	Operations Labor	1,026,767	1,016,859	972,735	1,048,002	708,224	1,079,394
591-003-720-114	Maintenance Labor	348,470	306,314	355,192	314,745	303,473	250,920
591-003-720-120	Overtime	651,877	650,000	527,010	528,523	477,701	633,659
591-003-720-123	Standby	0	45,630	0	46,886	0	48,293
591-003-725-101	Vision & Dental	17,261	17,849	15,650	17,505	11,594	17,497
591-003-725-131	Unemployment Compensation	23	2,452	(23,211)	2,324	18	2,409
591-003-725-140	Defined Contribution Retirement P	75,976	78,317	42,599	80,863	57,213	76,057
591-003-725-145	Defined Benefit Retirement Plan	520,966	789,057	680,720	824,084	616,536	942,660
591-003-725-150	FICA - SS/Medicare	183,392	187,541	189,891	177,808	132,422	184,258
591-003-725-160	Healthcare/Medical	301,462	348,437	380,851	415,858	303,867	442,980
591-003-725-167	Retiree Healthcare (RHS Plan)	1,314	1,300	1,300	1,300	1,000	1,300
591-003-725-170	Group Life Insurance	6,433	6,574	6,552	6,727	4,837	8,439
591-003-725-175	Long-Term Disability	3,554	3,642	3,626	3,748	2,685	4,176
591-003-725-185	Workers' Compensation	23	2,452	22	2,324	18	2,409
591-003-750-002	Rental Expense	62,456	59,500	60,420	80,000	36,329	80,000
591-003-750-012	Meals	1,134	1,750	1,653	1,950	884	1,950
591-003-750-019	Safety	30,010	30,000	29,868	30,000	24,222	33,000
591-003-750-071	Annual Operating Fees	65,768	110,000	105,459	127,000	109,218	119,620
NET OF REVENUES/APPROPRIATIONS - 003 - General Depar		(22,421,533)	(23,464,178)	(22,512,297)	(24,077,908)	(17,453,232)	(24,148,288)

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 004 - Boilers							
591-004-517-300	General Maintenance - Boiler #5	40,820	51,238	21,741	50,000	35,654	50,000
591-004-518-348	Planned Outage	15,737	0	0	16,000	8,944	16,000
591-004-518-349	Forced Outage	1,933	28,762	28,762	30,000	0	30,000
591-004-518-350	General Maintenance - Boiler #7	49,081	44,900	11,321	40,000	37,204	40,000
591-004-519-348	Planned Outage	81,087	50,000	15,720	50,000	38,651	50,000
591-004-519-349	Forced Outage	25,810	47,800	28,650	60,000	0	50,000
591-004-519-400	General Maintenance - Boiler #8	0	10,000	0	0	0	0
591-004-519-409	Fly Ash	13,480	0	0	0	0	0
NET OF REVENUES/APPROPRIATIONS - 004 - Boilers		(227,948)	(232,700)	(106,194)	(246,000)	(120,453)	(236,000)

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 008 - Meter Readers							
591-008-720-113	Operations Labor	34,241	22,651	26,304	25,766	19,756	26,542
591-008-720-120	Overtime	440	228	18	0	0	217
591-008-725-101	Vision & Dental	456	297	310	272	336	540
591-008-725-131	Unemployment Compensation	0	23	(948)	26	0	27
591-008-725-140	Defined Contribution Retirement P	542	0	60	0	50	0
591-008-725-145	Defined Benefit Retirement Plan	9,987	13,984	14,122	17,066	13,068	19,896
591-008-725-150	FICA - SS/Medicare	2,856	1,750	2,040	1,973	1,351	2,047
591-008-725-160	Healthcare/Medical	9,120	7,461	9,346	8,841	7,743	11,851
591-008-725-167	Retiree Health Care (RHS Plan)	97	0	12	0	10	0
591-008-725-170	Group Life Insurance	104	88	98	100	76	141
591-008-725-175	Long-Term Disability	67	49	58	55	42	69
591-008-725-185	Workers' Compensation	0	23	0	26	0	27
591-008-750-001	Supplies & Tools	0	250	3	250	0	0
NET OF REVENUES/APPROPRIATIONS - 008 - Meter Readers		(57,910)	(46,804)	(51,423)	(54,375)	(42,432)	(61,357)



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User: plamanes

DB: Wyandotte

## BUDGET REPORT FOR CITY OF WYANDOTTE

Fund: 591 Electric Utility Fund

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Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 009 - Store Room							
591-009-720-112	Office Salaries	23,025	21,798	21,538	21,798	16,382	22,331
591-009-720-113	Operations Labor	21,677	21,745	22,460	22,353	16,711	23,023
591-009-720-120	Overtime	2,978	500	0	0	130	354
591-009-725-101	Vision & Dental	317	1,056	207	999	158	1,041
591-009-725-131	Unemployment Compensation	1	44	(1,896)	44	0	46
591-009-725-140	Defined Contribution Retirement P	3,261	4,354	4,318	4,415	3,393	4,535
591-009-725-145	Defined Benefit Retirement Plan	5,651	0	0	0	0	0
591-009-725-150	FICA - SS/Medicare	3,701	3,369	3,874	3,378	2,559	3,497
591-009-725-160	Healthcare/Medical	6,967	14,324	10,410	11,241	8,345	21,320
591-009-725-167	Retiree Health Care (RHS Plan)	390	650	650	650	500	650
591-009-725-170	Group Life Insurance	184	167	194	168	149	233
591-009-725-175	Long-Term Disability	88	70	92	71	71	88
591-009-725-185	Workers' Compensation	1	44	1	44	0	46
591-009-750-001	Supplies & Tools	816	1,000	482	1,000	642	1,000
591-009-750-012	Meals	0	50	0	50	0	0
591-009-750-020	Freight	190	1,500	929	1,000	117	1,000
591-009-750-021	Elevators	575	2,500	1,965	2,000	415	2,000
591-009-750-141	Training & Education	0	1,500	688	1,000	0	0
NET OF REVENUES/APPROPRIATIONS - 009 - Store Room		(69,822)	(74,671)	(65,912)	(70,211)	(49,572)	(81,164)

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 011 - Transmission & Distribution Gen'l							
591-011-627-307	UNDERGROUND - STREET LIGHT	114	0	0	0	0	0
591-011-627-308	UNDERGROUND - SERVICE LINE CONNEC	130	0	378	0	0	0
591-011-627-327	UNDERGROUND LINES - DISTRIBUTION	127	0	0	0	0	0
591-011-720-111	Administrative Salaries	250,720	246,541	257,882	266,418	197,557	268,414
591-011-720-112	Office Salaries	37,635	36,067	35,773	36,421	28,324	72,883
591-011-720-113	Operations Labor	686,997	658,500	713,353	793,368	533,258	786,152
591-011-720-120	Overtime	21,980	12,620	21,621	14,973	23,532	22,341
591-011-720-123	Standby	0	146,382	0	158,652	0	162,466
591-011-720-145	Capitalized Labor	(62,500)	0	(11,984)	0	0	0
591-011-725-101	Vision & Dental	6,382	9,094	6,800	8,819	5,497	9,859
591-011-725-131	Unemployment Compensation	9	1,100	(8,999)	1,270	8	1,312
591-011-725-140	Defined Contribution Retirement P	76,222	91,217	61,662	103,920	62,818	110,629
591-011-725-150	FICA - SS/Medicare	72,507	84,158	81,598	97,142	58,755	100,388
591-011-725-160	Healthcare/Medical	93,844	159,434	137,302	226,757	121,659	241,035
591-011-725-167	Retiree Health Care (RHS Plan)	2,889	5,334	4,098	7,403	3,232	8,898
591-011-725-170	Group Life Insurance	2,576	3,465	2,630	3,878	2,052	5,727
591-011-725-175	Long-Term Disability	1,450	1,953	1,538	2,222	1,169	2,859
591-011-725-185	Workers' Compensation	9	1,100	10	1,270	8	1,312
591-011-740-202	OVERHEAD LINES - 13.8 DISTRIBUTIO	2	0	0	0	0	0
591-011-740-203	OVERHEAD 4.8 PRIMARY DISTRIBUTION	1,132	0	936	0	0	0
591-011-740-204	OVERHEAD - SECONDARY & ELECTRIC S	21,039	20,000	18,486	20,000	10,841	20,000
591-011-740-207	OVERHEAD LINES - STREET LIGHTS	23,134	25,000	18,554	30,000	12,870	30,000
591-011-740-213	OVERHEAD LINES - TREE TRIMMING	70,255	148,000	137,855	160,000	139,293	264,000
591-011-740-222	OVERHEAD LINES-ENVIRONMENTAL COMP	2,636	5,000	0	5,000	0	5,000
591-011-740-227	OVERHEAD LINES - DISTRIBUTION PRI	28,342	60,000	(4,439)	60,000	13,705	60,000
591-011-740-234	Contractor's Overhead Maintenance	0	25,000	1,950	0	0	25,000
591-011-745-400	SCADA Maintenance	790	5,000	877	5,000	800	5,000
591-011-745-401	Pine Street Pumping Substation	0	5,000	0	5,000	0	0
591-011-745-407	Power House 69KV Station	10,199	15,000	4,500	0	0	0
591-011-745-412	Substation Maintenance	11,615	50,000	20,105	50,000	49,528	75,000
591-011-750-001	Supplies & Tools	51,008	55,000	43,685	55,000	45,495	55,000
591-011-750-002	Rental Expense	33,154	94,000	50,547	100,000	35,640	123,400
591-011-750-003	MISS DIG Survey & Reports	1,261	2,500	1,342	2,500	1,261	1,500
591-011-750-010	Office Supplies	4,946	6,000	1,302	6,000	1,582	4,000
591-011-750-011	Copy Paper & Printing Supplies	79	0	0	0	0	0
591-011-750-012	Meals	143	1,000	776	1,000	643	1,000
591-011-750-013	Misc. Expense	2,450	3,000	434	3,000	569	2,000
591-011-750-014	Uniforms	6,023	12,500	6,932	12,500	11,768	12,500
591-011-750-017	Travel Expense	1,416	2,500	0	3,000	0	3,000
591-011-750-019	Safety Activity	5,792	5,000	3,854	5,000	1,093	5,000
591-011-750-020	Freight	746	1,750	708	1,750	41	1,000
591-011-750-081	Building and Grounds Repair & Mai	10,939	20,000	16,914	29,000	18,320	29,000
591-011-750-091	UTILITY ELECTRICITY	1,380	4,200	2,226	9,200	6,548	10,800
591-011-750-093	Utility Gas	3,269	4,800	4,585	5,800	4,811	5,500
591-011-750-141	Training & Education	2,494	6,500	6,478	6,000	25	6,000
591-011-750-406	Monthly Alarm & Fire System	1,222	1,000	907	1,200	680	1,200
NET OF REVENUES/APPROPRIATIONS - 011 - Transmission		(1,486,557)	(2,034,715)	(1,643,176)	(2,298,463)	(1,393,382)	(2,539,175)

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Dept 015 - Customer Service							
591-015-720-113	Operations Labor	175,859	173,215	173,678	181,445	107,248	179,375
591-015-720-120	Overtime	9,788	11,650	16,133	6,398	19,308	20,700
591-015-720-145	Capitalized Labor	0	0	0	0	0	(10,000)
591-015-725-101	Vision & Dental	1,190	1,592	1,832	1,498	1,198	2,003
591-015-725-131	Unemployment Compensation	2	185	(2,843)	188	1	200
591-015-725-140	Defined Contribution Retirement P	16,234	16,898	16,638	16,975	10,691	17,595
591-015-725-145	Defined Benefit Retirement Plan	22,117	0	0	0	105	0
591-015-725-150	FICA - SS/Medicare	14,520	14,175	16,611	14,370	7,788	15,306
591-015-725-160	Healthcare/Medical	32,259	38,373	57,137	61,945	38,776	66,340
591-015-725-167	Retiree Health Care (RHS Plan)	0	0	14	1,052	342	1,105
591-015-725-170	Group Life Insurance	625	654	654	657	397	934
591-015-725-175	Long-Term Disability	338	363	357	365	221	457
591-015-725-185	Workers' Compensation	2	185	2	188	1	200
591-015-750-012	Meals	38	100	76	100	29	0
591-015-750-013	Supplies & Tools	3,030	2,500	638	2,500	0	0
591-015-750-213	Meter Maintenance	5,282	10,000	3,828	10,000	6,590	10,000
591-015-750-214	Misc. Equipment	87	100	0	100	0	0
NET OF REVENUES/APPROPRIATIONS - 015 - Customer Serv		(281,371)	(269,990)	(284,755)	(297,781)	(192,695)	(304,215)

## BUDGET REPORT FOR CITY OF WYANDOTTE

Fund: 591 Electric Utility Fund

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GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 017 - Energy	Program Costs						
591-017-591-331	WIRES II Grant Program	51,793	468,330	82,051	78,576	110,090	20,305
591-017-591-332	Energy Opt - Administration	65,791	54,700	32,088	54,700	19,165	54,700
591-017-591-334	PORT AUTHORITY GRANT	18,375	0	0	0	0	0
591-017-591-335	Geothermal Utility Costs	9,257	40,000	176	40,000	3,605	30,000
591-017-591-336	Solar RECS	30,002	27,250	30,066	27,250	18,493	30,500
591-017-591-340	Energy Opt-Residential Rebates	70,202	172,224	61,036	157,976	28,993	157,976
591-017-591-341	Energy Opt-Commercial Rebates	180,880	163,828	178,847	105,764	91,820	105,764
591-017-591-350	REC Costs	2,224	2,500	2,332	2,290	1,315	2,290
591-017-720-111	Administrative Salaries	33,132	33,813	31,372	19,911	15,511	21,375
591-017-725-101	Vision & Dental	489	475	225	317	239	329
591-017-725-131	Unemployment Compensation	0	34	(948)	20	0	21
591-017-725-140	Defined Contribution Retirement P	3,310	3,381	(7,504)	1,991	1,514	2,138
591-017-725-150	FICA - SS/Medicare	2,392	2,587	2,465	1,523	1,100	1,635
591-017-725-160	Healthcare/Medical	4,774	5,490	3,541	3,318	2,468	4,740
591-017-725-167	RETIREMENT HEALTHCARE SAVINGS PLA	650	650	660	260	200	260
591-017-725-170	Group Life Insurance	168	168	156	67	50	92
591-017-725-175	Long-Term Disability	71	73	67	43	32	56
591-017-725-185	Workers' Compensation	0	34	0	20	0	21
NET OF REVENUES/APPROPRIATIONS - 017 - Energy Progra		(473,510)	(975,537)	(416,630)	(494,026)	(294,595)	(432,202)

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 021 - Commission							
591-021-750-001	Office Supplies	0	0	0	0	34	0
591-021-750-006	Supplies	0	50	11	50	64	0
591-021-750-109	Travel Expense	0	1,500	0	1,500	0	1,000
NET OF REVENUES/APPROPRIATIONS - 021 - Commission		0	(1,550)	(11)	(1,550)	(98)	(1,000)

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GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 022 - General Manager							
591-022-720-111	Administrative Salaries	131,021	128,005	133,621	118,361	101,587	51,300
591-022-720-112	Office Salaries	0	12,730	12,976	10,303	7,620	10,515
591-022-720-120	Overtime	0	0	545	86	103	477
591-022-725-101	Vision & Dental	2,027	2,172	2,080	1,844	1,392	929
591-022-725-131	Unemployment Compensation	2	141	(1,895)	129	1	62
591-022-725-140	Defined Contribution Retirement P	5,656	7,016	7,010	5,807	4,415	6,181
591-022-725-145	Defined Benefit Retirement Plan	29,922	43,135	44,325	46,699	36,121	0
591-022-725-150	FICA - SS/Medicare	9,536	10,766	11,850	9,849	7,924	4,765
591-022-725-160	Healthcare/Medical	16,863	21,257	23,505	22,899	16,987	13,165
591-022-725-167	Retirement Healthcare Savings Pla	786	1,300	1,289	1,014	780	1,014
591-022-725-170	Group Life Insurance	403	528	471	462	312	348
591-022-725-175	Long-Term Disability	250	303	281	277	189	161
591-022-725-185	Workers' Compensation	2	141	2	129	1	62
591-022-750-004	Meals	0	500	493	500	313	500
591-022-750-005	Dues and Subscriptions	156	300	50	175	0	175
591-022-750-109	Travel Expense	415	2,500	208	2,500	0	2,000
591-022-750-141	Training & Education	0	1,000	195	1,000	640	1,000
NET OF REVENUES/APPROPRIATIONS - 022 - General Manag		(197,039)	(231,794)	(237,006)	(222,034)	(178,385)	(92,654)

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GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 025 - Informational Systems Department							
591-025-720-111	Administrative Salaries	38,253	25,883	25,484	19,995	14,817	20,445
591-025-720-112	Office Salaries	31,899	31,824	31,670	32,779	29,886	28,535
591-025-720-120	Overtime	0	0	366	249	664	0
591-025-725-101	Vision & Dental	1,747	1,374	1,301	1,138	904	1,728
591-025-725-131	Unemployment Compensation	1	58	(1,896)	53	0	49
591-025-725-140	Defined Contribution Retirement P	0	0	0	0	208	2,853
591-025-725-145	Defined Benefit Retirement Plan	28,772	35,271	32,647	35,085	25,560	15,201
591-025-725-150	FICA - SS/Medicare	4,894	4,415	4,452	4,056	3,060	3,747
591-025-725-160	Healthcare/Medical	19,429	18,652	20,458	19,901	15,008	24,890
591-025-725-170	Group Life Insurance	378	299	315	271	194	342
591-025-725-175	Long-Term Disability	148	124	123	113	77	127
591-025-725-185	Workers' Compensation	1	58	1	53	0	49
591-025-750-005	Dues and Subscriptions	0	0	0	0	296	300
591-025-750-006	Supplies	0	0	241	0	0	0
591-025-750-051	Equipment Maintenance	41,482	35,000	42,859	42,650	39,919	42,805
591-025-750-109	Travel Expense	221	0	260	250	0	250
591-025-750-141	Training & Education	833	0	330	0	0	0
NET OF REVENUES/APPROPRIATIONS - 025 - Informational		(168,058)	(152,958)	(158,611)	(156,593)	(130,593)	(141,321)

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GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 026 - Customer Assistance Department							
591-026-720-111	Administrative Salaries	16,402	13,525	12,924	18,225	13,899	19,019
591-026-720-112	Office Salaries	147,212	97,283	94,707	75,074	54,268	75,204
591-026-720-113	Operations Labor	6,240	0	0	0	0	0
591-026-720-120	Overtime	4,707	2,595	8,348	7,578	3,303	10,126
591-026-725-101	Vision & Dental	5,008	2,904	2,681	2,301	1,248	1,683
591-026-725-131	Unemployment Compensation	3	107	(8,534)	96	0	100
591-026-725-140	Defined Contribution Retirement P	15,998	10,192	(14,271)	8,666	6,226	8,751
591-026-725-150	FICA - SS/Medicare	12,409	8,675	9,126	7,717	5,423	7,983
591-026-725-160	Healthcare/Medical	51,304	34,941	34,988	28,776	19,667	18,977
591-026-725-167	Retirement Healthcare Savings Pla	6,610	3,900	(10,287)	3,120	2,340	3,510
591-026-725-170	Group Life Insurance	810	533	496	464	313	640
591-026-725-175	Long-Term Disability	333	219	204	186	132	228
591-026-725-185	Workers' Compensation	3	107	0	96	0	100
591-026-750-001	Office Supplies	2,904	4,000	3,948	3,100	1,332	3,100
591-026-750-004	Meals	119	360	276	360	71	360
591-026-750-051	Equipment Maintenance	3,473	3,473	3,561	3,473	2,843	3,473
591-026-750-141	Training & Education	4,058	3,600	2,879	3,600	0	3,600
NET OF REVENUES/APPROPRIATIONS - 026 - Customer Assi		(277,593)	(186,414)	(141,046)	(162,832)	(111,065)	(156,854)



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GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 031 - Administration							
591-031-760-000	Miscellaneous	0	0	6	0	0	0
591-031-760-001	Postage Fees	65,509	77,844	65,568	73,515	62,715	73,515
591-031-760-002	Rental Expense	108,000	108,000	108,000	108,000	81,000	108,000
591-031-760-005	Paying Agent Fees	500	2,000	1,000	1,000	1,000	1,000
591-031-760-006	Legal Expense	202,225	400,000	109,629	400,000	300,000	400,000
591-031-760-012	Bad Debt Expense	100,969	100,000	194,333	100,000	75,000	100,000
591-031-760-051	Office Supplies	957	2,000	1,954	2,000	1,770	2,000
591-031-760-052	Copy Paper & Printing Supplies	0	0	333	0	0	0
591-031-760-054	Meals	51	100	0	100	81	100
591-031-760-059	Travel Expense	22	200	0	200	0	200
591-031-760-070	Actuary Charges	0	2,500	0	1,000	0	1,000
591-031-760-071	Annual Fees	126,429	126,328	127,697	132,118	73,596	132,873
591-031-760-072	City PILOT	652,048	640,000	642,503	640,000	480,000	640,000
591-031-760-075	Payment for City Services	591,009	611,194	611,194	617,915	463,436	619,184
591-031-760-078	Collection Service Fees	10,638	13,000	5,414	11,000	14,323	13,000
591-031-760-091	Utility Electricity	34,454	28,700	29,796	30,635	21,282	30,635
591-031-760-092	Utility Water	1,703	1,800	1,175	1,185	816	1,185
591-031-760-093	Utility Gas	898	1,250	1,039	1,050	1,546	1,050
591-031-760-094	Utility Telephone	26,226	20,775	18,867	17,000	12,817	19,000
591-031-760-110	MI Claims Tax Assessment - BCBS	9,429	57,000	268	325	193	300
591-031-760-153	Freight	195	200	63	200	0	200
591-031-760-190	Banking, Finance, CCd Fees	64,260	64,075	72,585	72,400	48,483	67,500
NET OF REVENUES/APPROPRIATIONS - 031 - Administratio		(1,995,522)	(2,256,966)	(1,991,424)	(2,209,643)	(1,638,058)	(2,210,742)

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Dept 033 - Liability Insurance							
591-033-780-200	Excess Liability	31,058	32,610	31,058	32,920	24,690	0
591-033-780-202	Property	143,689	151,250	64,775	112,875	84,656	113,610
591-033-780-203	Boiler & Machinery	180,002	189,000	138,693	96,420	72,315	97,695
591-033-780-204	Business Auto	17,282	17,425	18,401	19,625	14,719	20,470
591-033-780-205	General Liability	(27,778)	55,860	9,500	42,000	31,500	77,100
591-033-780-206	Claims Settement/Self-Insurance	32,170	32,170	32,170	32,170	24,877	32,170
591-033-780-207	Overhead Lines	37,605	40,590	40,590	61,450	46,087	45,630
591-033-780-208	Workers' Compensation	106,355	12,175	38,801	6,000	4,500	21,815
591-033-780-209	Internet Liability	25,165	0	26,326	0	0	0
591-033-780-210	Insurance Consultant	4,050	3,450	3,450	3,090	2,318	2,250
591-033-780-211	POLLUTION	11,760	11,760	12,789	11,760	8,820	12,075
591-033-780-214	Other Liability	0	27,660	0	30,365	22,774	28,455
NET OF REVENUES/APPROPRIATIONS - 033 - Liability Ins		(561,358)	(573,950)	(416,553)	(448,675)	(337,256)	(451,270)

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Dept 034 - Contractual							
591-034-770-300	Auditing Expense	54,729	57,000	68,342	57,000	42,750	57,000
591-034-770-301	Custodial	2,457	2,715	2,373	2,715	1,834	2,585
591-034-770-303	Right of Way Agreements	2,486	2,750	2,490	2,500	2,461	2,500
NET OF REVENUES/APPROPRIATIONS - 034 - Contractual		(59,672)	(62,465)	(73,205)	(62,215)	(47,045)	(62,085)

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 035 - Building & Grounds Rep & Maint							
591-035-795-402	Building Repair	200	500	0	0	0	0
591-035-795-405	Elevator	364	460	178	0	0	0
591-035-795-406	Monthly Alarm & Fire System	920	1,400	2,676	1,780	1,334	1,780
NET OF REVENUES/APPROPRIATIONS - 035 - Building & Gr		(1,484)	(2,360)	(2,854)	(1,780)	(1,334)	(1,780)

## Fund: 591 Electric Utility Fund

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Dept 040 - Retirees							
591-040-800-110	Retiree Healthcare Premium Expens	555,301	576,250	633,888	710,105	447,202	642,000
591-040-810-077	Retiree Healthcare Accrual (OPEB)	320,960	944,025	560,521	600,000	450,000	600,000
591-040-820-120	GASB 68 - Pension Expense	1,438,366	621,000	506,822	1,050,000	405,000	1,050,000
NET OF REVENUES/APPROPRIATIONS - 040 - Retirees		(2,314,627)	(2,141,275)	(1,701,231)	(2,360,105)	(1,302,202)	(2,292,000)

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Dept 071 - Vehicles							
591-071-755-001	Fuel	22,785	22,500	20,026	22,500	20,060	26,400
591-071-755-002	Vehicle Repair & Maintenance	47,296	56,000	54,849	86,300	38,439	50,000
NET OF REVENUES/APPROPRIATIONS - 071 - Vehicles		(70,081)	(78,500)	(74,875)	(108,800)	(58,499)	(76,400)

Calculations as of 06/30/2018

GL NUMBER	DESCRIPTION	2015-16 ACTIVITY	2016-17 AMENDED BUDGET	2016-17 ACTIVITY	2017-18 AMENDED BUDGET	2017-18 ACTIVITY THRU 06/30/18	2018-19 REQUESTED BUDGET
Dept 091 - Depreciation							
591-091-790-002	Production	1,660,767	1,655,600	1,289,507	1,837,000	1,377,750	1,308,120
591-091-790-007	Transmission	90,603	211,400	90,603	211,800	158,850	61,470
591-091-790-008	Distribution	1,318,743	1,041,000	1,305,210	1,379,400	1,034,550	1,147,830
591-091-790-009	Transportation	175,742	158,000	191,437	158,000	118,500	126,040
591-091-790-010	Miscellaneous Equipment	80,777	89,020	84,755	111,500	83,625	68,515
591-091-790-011	Stores Department	16,406	8,185	17,373	8,200	6,150	15,715
NET OF REVENUES/APPROPRIATIONS - 091 - Depreciation		(3,343,038)	(3,163,205)	(2,978,885)	(3,705,900)	(2,779,425)	(2,727,690)
ESTIMATED REVENUES - FUND 591		42,310,335	36,304,490	37,477,043	37,044,918	28,324,032	37,909,932
APPROPRIATIONS - FUND 591		49,653,214	38,771,584	36,017,705	39,756,035	28,283,606	38,780,602
NET OF REVENUES/APPROPRIATIONS - FUND 591		(7,342,879)	(2,467,094)	1,459,338	(2,711,117)	40,426	(870,670)